

**IMPLEMENTING DEVICE SUPPORT IN A
WEB-BASED ENTERPRISE APPLICATION**

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ABSTRACT OF THE DISCLOSURE

10 A method, system, application programming interface, and computer program product
that enable enterprise data management application programs to request input/output services
from a device manager controlling devices. The device manager operates in a heterogeneous
environment including incompatible devices provided by multiple vendors. These requests,
and responses from the device manager to the enterprise data management application
15 program, are communicated in a markup language format, rather than in a device-specific
native language. This structure enables the vendor of the enterprise data management
application program to send requests for services, including both data and instructions to use
specialized features of a device, without the need to change the enterprise data management
application program to support device-specific native languages.